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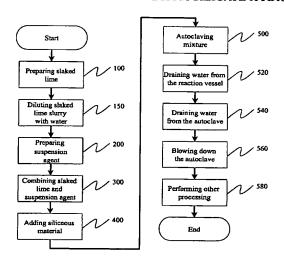
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(54) Title: METHOD AND APPARATUS FOR PRODUCING CALCIUM SILICATE HYDRATE



Method of making high solids calcium silicate hydrate

(57) Abstract: A method and apparatus for producing calcium silicate hydrate. A calcareous material is combined with a suspension or gel forming agent. The resultant gel is then combined with a siliceous material to form a preferably homogeneous reactive matrix. This matrix then undergoes elevated pressure and temperature to form calcium silicate hydrate without the need for mixing or agitation. The resultant calcium silicate hydrate has a high post reaction solids content of around 35% or higher.

WO 2004/041720 A1



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